

PUBLIC NOTICE

PERMIT APPLICATION: NRS 05.241

APPLICANT: AB Development, Co.
Gary Alexander, President
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423-245-0324

LOCATION: Unnamed tributary to South Fork Holston, Ft. Henry Drive, Kingsport,
Sullivan County, 36.5112 °N, -82.5193 °W

WATERSHED DESCRIPTION: This project is located in the South Fork Holston watershed (HUC TN06010102) and the area is characterized by increasing residential and commercial development. The subject waterbody is a direct tributary to the South Fork Holston River. The tributary is not currently assessed for use support, but South Fork is assessed as not supporting its fish and aquatic life designated use and impacted by flow alterations and thermal modifications.

The existing stream channel is approximately 3700 linear feet from its origin to the confluence with the South Fork Holston. The stream was heavily impacted by previous residential and commercial development and the installation of a sewer pump station. The stream channel is deeply incised and has large sections with highly intermittent flow. A tier evaluation was performed on the receiving stream, South Fork Holston mile 7.7, since there was insufficient flow and habitat available on the tributary. The South Fork Holston River mile 7.7 was classified as Tier 1.

(Color photos of the existing stream and mitigation areas are available on the Internet version of this notice at <http://www.state.tn.us/environment/wpc/wpcppo/arap>)

PROJECT DESCRIPTION: The applicant proposes to encapsulate 900 linear feet of the tributary to facilitate the development of a large retail facility. Proposed mitigation for the permanent elimination of this low-quality stream segment is the stabilization of 900 linear feet of South Fork Holston, the receiving stream. This section of the South Fork Holston is eroding, due mainly to the activity of Fort Patrick Henry Dam. The applicant proposes to slope and terrace the banks and revegetate the 900-foot length. Rip rap (24") will be installed for 300 linear feet below the high water mark. The U.S. Army Corps of Engineers previously stabilized the opposing bank.

The mitigation site will be monitored and annual reports will be submitted.

PERMIT COORDINATOR: Juliana W. Kyzar

USGS TOPOGRAPHIC QUADRANGLE: Kingsport 188 SE



Photograph 1 - Project site picture taken from Ft. Henry Drive. Wal-Mart is located on the left and Construction company on the right.



Photo 2: Picture of proposed mitigation area on South Fork Holston

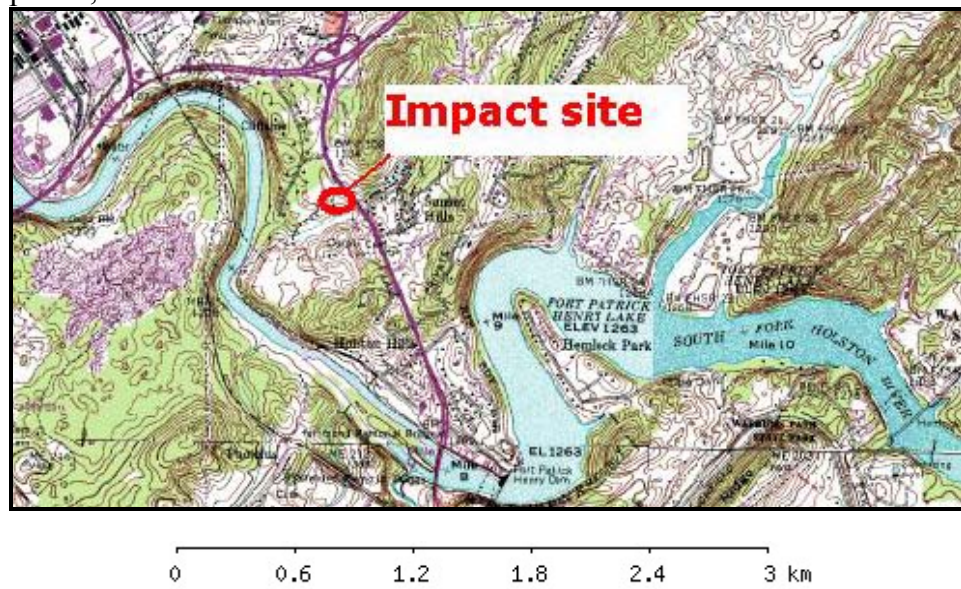


Figure 1: USGS 7.5-minute topo map showing impact area

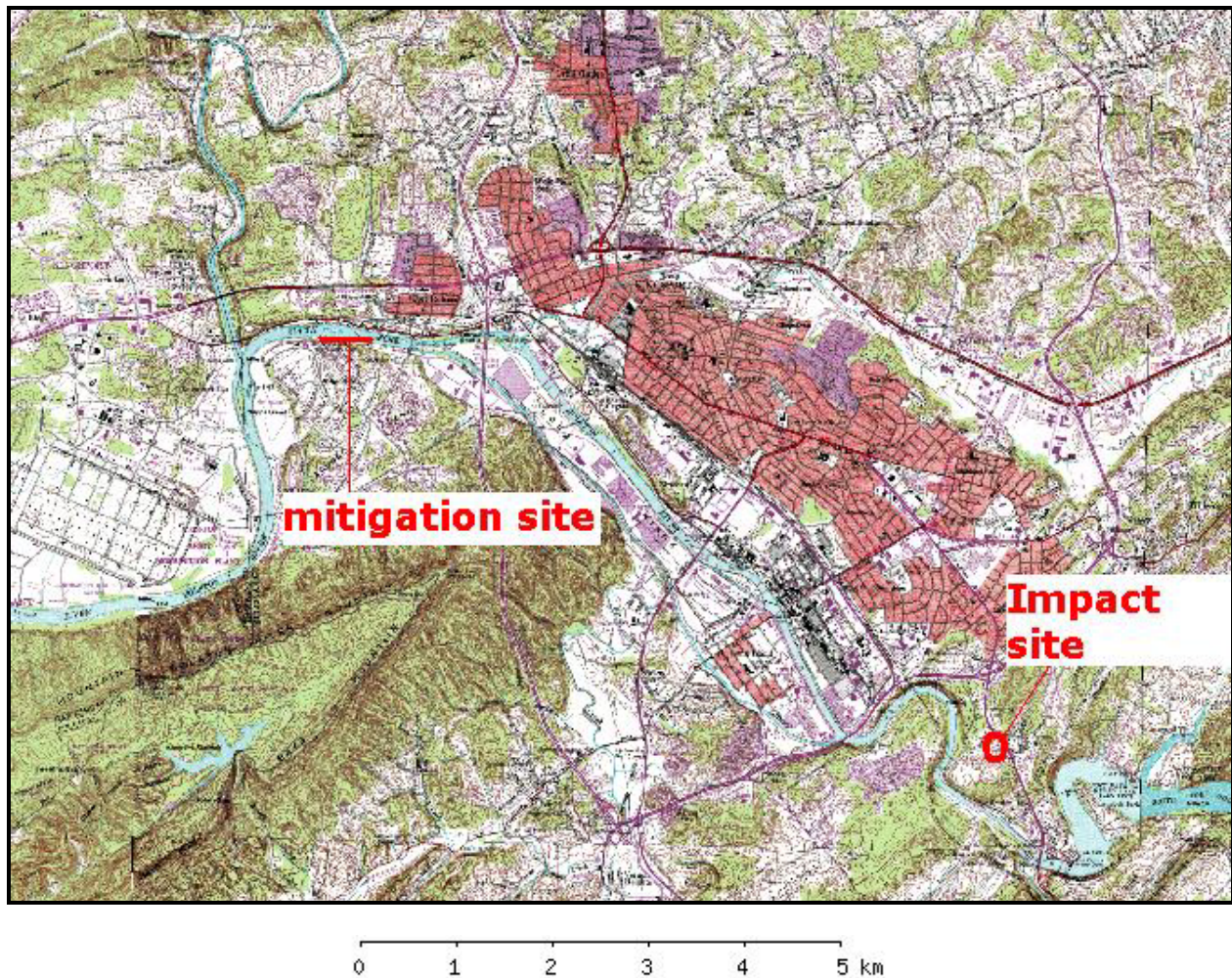


Figure 2: USGS 7.5 minute topo map showing mitigation site and impact site.

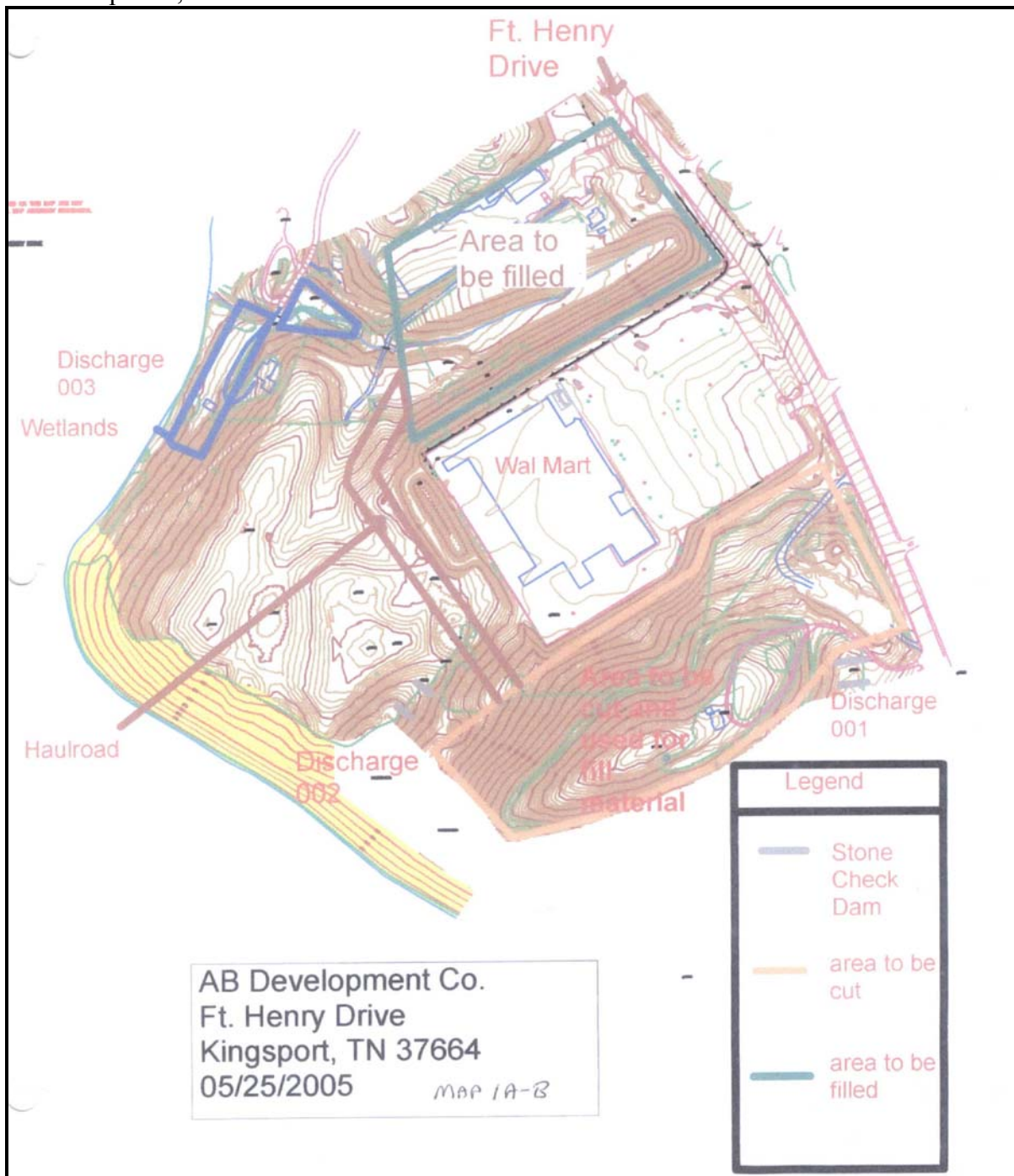


Figure 3: Proposed site layout. Wal-mart is an existing structure.

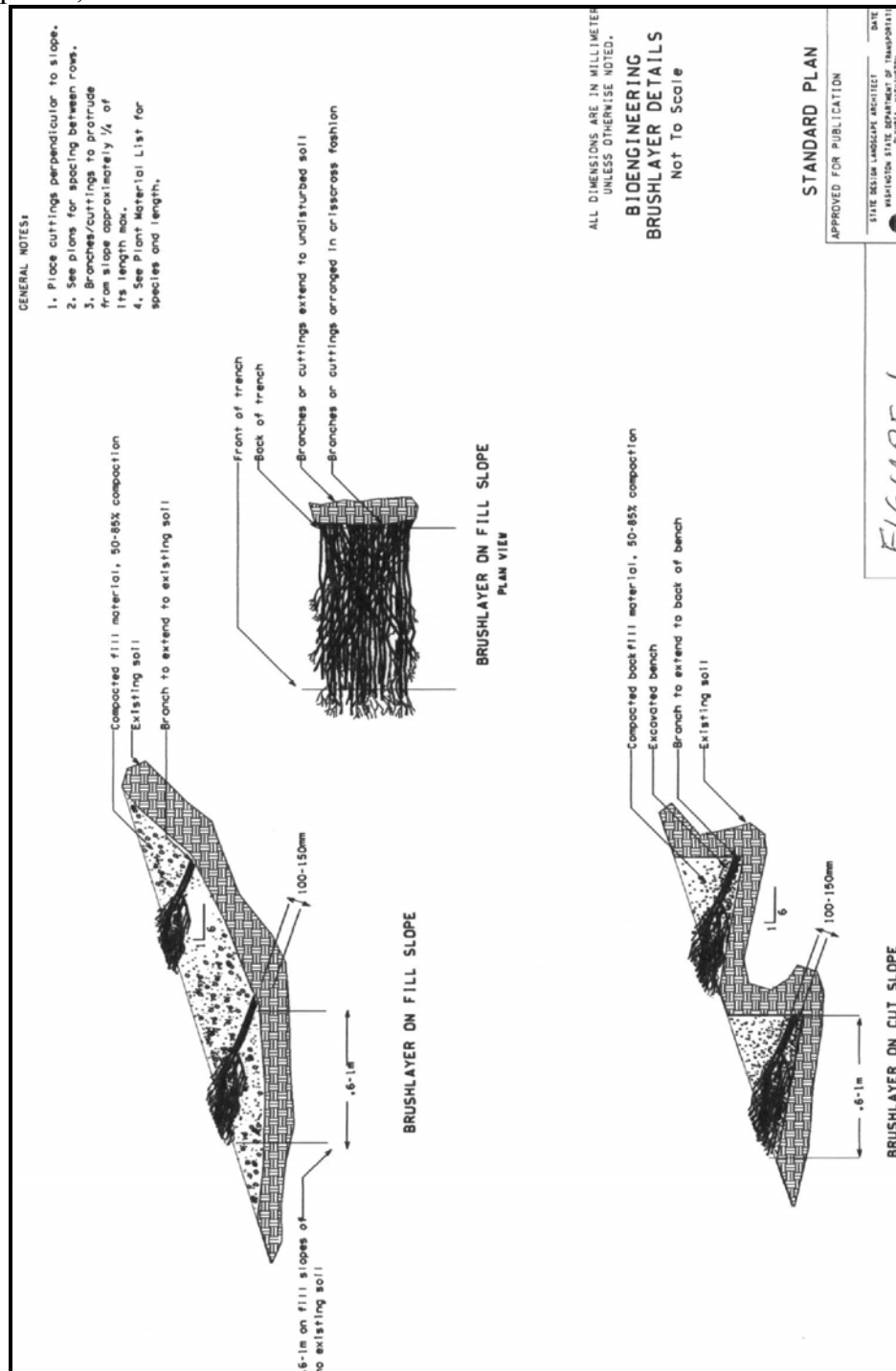


Figure 4: Standard drawing of proposed stabilization.
24" min diameter rip rap will be used for 300' below high water mark.